EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	438/460.ccls. and ((remov $4 adj protect$4) with dic $4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/16 10:14
L2	1	("20040266138").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2008/07/16 10:17
L3	59	438/460.ccls. and ((remov $4 adj protect$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/16 11:02
L4	25	438/460.ccls. and ((remov $4 adj protect$4)) and @ad<"20030910"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/16 11:02
L5	98	438/460.ccls. and ((remov $4 with protect$4)) and @ad<"20030910"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/16 11:05
L6	42	438/460.ccls. and ((remov $4 with protect$4)) and @ad<"20030910" and lead	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/16 11:06
S1	571	fukumitsu-kenshi.in. or fukuyo-fumitsugu.in. or uchiyama-naoki.in. or sugiura-ryuji.in. atsumi-kazuhiro.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 07:56
S2	1	S1 and (light and lead). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 07:57
S3	36	S1 and (light or laser).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 07:58

S4	44	("20020006765" | "20020170896" | "20030024909" | "20040002199" | "20040002199" | "20050184037" | "20050189330" | "20060040473" | "20060148212" | "3610871" | "3626141" | "3629545" | "3790051" | "4242152" | "4531060" | "4562333" | "5211805" | "5230184" | "5254833" | "5543365" | "5622540" | "5637244" | "5656186" | "5776220" | "5826772" | "5841543" | "5925271" | "5968382" | "5976392" | "6031201" | "6055829" | "6175096" | "6181728" | "6211488" | "6252197" | "6257224" | "6259058" | "6285002" | "6322958" | "6325855" | "6420678" | "6489588" | "6992026"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 08:11
S5	273	(438/463).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2008/07/15 08:48
S6	112	438/463.ccls. and @ad<"20030910"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 08:48
S7	39	438/797.ccls. and @ad<"20030910"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 09:08
S8	816	438/795.ccls. and @ad<"20030910"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 09:09
S9	351	438/795.ccls. and @ad<"20030910" and (laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 09:10

S10	266	438/458.ccls. and @ad<"20030910" and (laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 09:14
S11	13961	(438/106-108,110-114,458,460-465,928). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2008/07/15 09:35
S12	827	257/98.ccls. and @ad<"20030910" and (laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 09:35
S13	17549	((438/106-108,110-114,458,460-465,928) or (257/98)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2008/07/15 09:36
S14	11072	S13 and @ad<"20030910"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 09:36
S15	96	S14 and ((cut$4 or divid$4 or singulat$4) with (wafer or chip or workpiece or substrate) with (pul$4 or expand$4 or strech$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 09:37
S16	61	S14 and ((cut$4 or divid$4 or singulat$4) with (wafer or chip or workpiece or substrate) with (pul$4 or expand$4 or strech$4)) and (laser or light)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 09:41
S17	1	("20070085099").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2008/07/15 09:47
S18	1	("6770544").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2008/07/15 10:07
S19	13	("3824678" | "4169976" | "5916460" | "6159832" | "6261919" | "6333485" | "6365443" | "6376797" | "6440773").PN. OR ("6770544").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 10:14

S20	11	("5238876" | "5527744" | "5693182" | "6337258" | "6420245" | "6562698" | "6583032" | "6756562" | "6770544" | "6827636" | "6939785").PN. OR ("7134943").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 10:19
S21	1	("5221805").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2008/07/15 10:32
S22	24	("20020006765" | "20030024909" | "4562333" | "5254833" | "5543365" | "5622540" | "5637244" | "5776220" | "5826772" | "6055829" | "6175096" | "6211488" | "6252197" | "6257224" | "6259058" | "6322958" | "6420678" | "6489588"). PN. OR ("6992026"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 11:41
S23	2	(("6979593") or ("20080044985")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2008/07/15 12:13
S24	1	("20030190795").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2008/07/15 12:13
S25	13	("20020019066" | "20020093076" | "4722130" | "5009735" | "5641714" | "6215179" | "6309909" | "6451671" | "6555418" | "6649448" | "6713851" | "6797544"). PN. OR ("6979593"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 12:14

S26	25	(US-20070085099-$ or US-20080090382-$ or US-20080000884-$ or US-20070252154-$ or US-20070158314-$ or US-20070170159-$ or US-20070125757-$ or US-20060255024-$ or US-20060148212-$ or US-20050272223-$ or US-20040002199-$ or US-20030045031-$ or US-20050009235-$ or US-20020115235-$ or US-20060121697-$ or US-20030190795-$).did. or (US-6992026-$ or US-7396742-$ or US-6770544-$ or US-7134943-$ or US-6939785-$ or US-6337258-$ or US-7387951-$ or US-7211526-$ or US-4562333-$).did.	US-PGPUB; USPAT	OR	ON	2008/07/15 12:18
S27	1	("2002351600").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2008/07/15 12:24
S28	11	("20020055238" | "20040002199" | "20040137699" | "20050064683" | "6297131" | "6344402" | "6448151" | "6767426" | "6872634" | "6992026" | "7005317").PN. OR ("7387951").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 12:45
S29	4	("20040002199" | "6744009" | "6856023" | "6992026").PN. OR ("7211526").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 12:47
S30	9	("5093281" | "5888883" | "6337258" | "6770544").PN. OR ("6939785").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 15:15
S31	2	("6936497" | "6939785").PN. OR ("7179724").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 15:28

S32	11	("5238876" | "5527744" | "5693182" | "6337258" | "6420245" | "6562698" | "6583032" | "6756562" | "6770544" | "6827636" | "6939785").PN. OR ("7134943").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 15:29
S33	9	("4224101" | "5888883" | "6184109" | "6294439" | "6337258" | "6586707"). PN. OR ("6756562"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/07/15 15:46
S34	1	("2003004767").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2008/07/15 15:49
S35	1	("20030004767").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2008/07/15 15:49
S36	424	(substrate with fractur$4) and laser and ("438".clas. or "219".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 15:51
S37	203	S36 and @ad<"20030910"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 15:51
S38	218939	("438".clas.) (substrate with scorch$4 with laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 16:29
S39	3	("438".clas.) and (substrate with scorch$4 with laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 16:29
S40	839	("438".clas.) and (substrate with (groov$4 or grid$4 or scrib$4) with laser)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 16:30
S41	140	("438".clas.) and (substrate with (groov$4 or grid$4 or scrib$4) with laser) and (substrate and expand$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 16:30

S42	569	("438".clas.) and (substrate with (groov$4 or grid$4 or scrib$4) with laser) and @ad<"20030910"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 16:39
S43	511	S42 not S41	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 16:39
S44	22	S43 and ((dicing or cut$4 or separat$4 or singulat$) with (substrate or chip or waher) with (adhesive or resin))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2008/07/15 16:42

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